

INTEGRATED CIRCUIT CAPACITOR STRUCTURE

ABSTRACT OF THE DISCLOSURE

Embodiments of the invention include a MIM capacitor that has a high capacitance
5 that can be manufactured without the problems that affected the prior art. Such a capacitor
includes an upper electrode, a lower electrode, and a dielectric layer that is intermediate the
upper and the lower electrodes. A first voltage can be applied to the upper electrode and a
second voltage, which is different from the first voltage, can be applied to the lower
electrode. A wire layer, through which the first voltage is applied to the upper electrode, is
10 located in the same level as or in a lower level than the lower electrode.